

## Product datasheet for **RC201324A1V**

### Human UMPS (NM\_000373) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human UMPS (NM_000373) AAV Particle
Tag:	Myc-DDK
Symbol:	UMPS
Synonyms:	OPRT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC201324 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGGTGCTCGTGCAGCTTTGGGGCCATTGGTGACGGGTCTGTACGACGTGCAGGCTTTCAAGTTTG  
 GGGACTTCGTGCTGAAGAGCGGGCTTTCTCCCCATCTACATCGATCTGCGGGGCATCGTGTCTCGACC  
 GCGTCTTCTGAGTCAGGTTGCAGATATTTTATTCCAAACTGCCAAAATGCAGGCATCAGTTTTGACACC  
 GTGTGTGGAGTGCCTTATACAGCTTTGCCATTGGCTACAGTTATCTGTTCACCAATCAAATTCATGC  
 TTATTAGAAGGAAAGAAACAAAGGATTATGGAATAAGCGTCTTGTAGAAGGAATTAATCCAGGAGA  
 AACCTGTTAATCATTGAAGATGTTGCACCAGTGGATCTAGTGTGGAAACTGTTGAGGTTCTTCAG  
 AAGGAGGGCTGAAGTCACTGATGCCATAGTGTGTTGGACAGAGAGCAGGGAGGCAAGGACAAGTTGC  
 AGGCGCACGGATCCGCCTCCACTCAGTGTGTACATTGCCAAAATGCTGGAGATTCTCGAGCAGCAGAA  
 AAAAGTTGATGCTGAGACAGTTGGGAGAGTGAAGAGTTTATTACAGGAGAATGTCTTTGTGGCAGCGAAT  
 CATAATGGTTCTCCCCTTCTATAAAGGAAGCACCCAAAGAACTCAGCTTCGGTGACAGTGCAGAGCTGC  
 CCAGGATCCACCCAGTTGCATCGAAGCTTCTCAGGCTTATGCAAAAGAAGGAGACCAATCTGTGTCTATC  
 TGCTGATGTTTACTGGCCAGAGAGCTGTTGCAGCTAGCAGATGCTTTAGGACCTAGTATCTGCATGCTG  
 AAGACTCATGTAGATATTTGAATGATTTACTCTGGATGTGATGAAGGAGTTGATAACTCTGGCAAAAT  
 GCCATGAGTCTTGATATTTGAAGACCGGAAGTTTGCAGATATAGGAAACACAGTGAAAAAGCAGTATGA  
 AGGAGGTATCTTAAATAGCTTCTGGGCAGATCTAGTAAATGCTCACGTGGTCCAGGCTCAGGAGTT  
 GTGAAAGCCTGCAAGAAGTGGCCCTGCCTTTGCATCGGGGTGCCTCCTTATTGCGGAAATGAGCTCCA  
 CCGGCTCCCTGGCCACTGGGACTACACTAGAGCAGCGTTAGAATGGCTGAGGAGCACTGGAATTTGT  
 TGTGGTTTTATTCTGGCTCCCGAGTAAGCATGAAACCAGAATTTCTCACTTGACTCCAGGAGTTGAG  
 TTGGAAGCAGGAGGAGATAATCTTGCCAAACAGTACAATAGCCCAAGAAGTTATTGGCAAACGAGTT  
 CCGATATCATATTGTAGGTCGTGGCATAATCTCAGCAGCTGATCGTCTGGAAGCAGCAGAGATGTACAG  
 AAAAGCTGCTTGGGAAGCGTATTTGAGTAGACTTGGTGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC201324 protein sequence  
 Red=Cloning site Green=Tags(s)

MAVARAALGPLVTGLYDVQAFKFGDFVLKSLSSPIYIDLKRGIVSRPRLLSQVADILFQTAQNAGISFDT  
 VCGVPYALPLATVICSTNQIPMLIRRKETKDYGTKRLVEGTINPGETCLIEDVVTSGSSVLETVEVLQ  
 KEGLKVTDAIVLLDREQGKDKLQAHGIRLHSVCTLKMLEILEQQKKVDAETVGRVKRFIQENVFAAN  
 HNGSPLSIKEAPKELSFARAELPRIHPVASKLLRLMQKKTNLCLSDVSLARELLQLADALGPSICML  
 KTHVDILNDFTLDMKELITLAKCHEFLIFEDRKFADIGNTVKKQYEGGIFKIASWADLVNAHVVPVGSV  
 VKGLQEVGLPLHRGCLLIAEMSSTGSLATGDYTRAAVRMAEEHSEFVVGFI SGRVSMKPEFLHLPVGVQ  
 LEAGGDNLGQQYNPQEVIGKRGSDIIIVRGIISAADRLAAEMRKAWEAYLSRLGV

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_000373

**ORF Size:**

1440 bp

**Buffer:**

PBS with 0.001% Pluronic F68

<b>Stability:</b>	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
<b>RefSeq:</b>	<u><a href="#">NM_000373.1</a></u>
<b>RefSeq Size:</b>	6738 bp
<b>RefSeq ORF:</b>	1443 bp
<b>Locus ID:</b>	7372
<b>UniProt ID:</b>	<u><a href="#">P11172</a></u>
<b>Cytogenetics:</b>	3q21.2
<b>MW:</b>	52.2 kDa